

## UST Upgrade/Modification Application

(Petroleum Products and Hazardous Substances)

Submit to: **Kansas Department of Health and Environment**  
**Bureau of Environmental Remediation**  
**Storage Tank Section**  
**1000 SW Jackson, Suite 410 Phone #: 785-296-8061**  
**Topeka KS 66612-1367 Fax #: 785-296-6190**

**KDHE USE ONLY**

State of Kansas - Division of Environment <b>APPROVED</b> When constructed to conform with Art. 44 Date: _____ By: _____
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Please Print Clearly or Type

**Proposed Upgrade/Modification Date:** \_\_\_\_\_**I. Facility Information**

A. Facility Name: \_\_\_\_\_

B. Facility Address: \_\_\_\_\_

(street)

(city)

(state)

(zip)

**II. Tank Owner Information**

A. Owner Name: \_\_\_\_\_

B. Owner Address: \_\_\_\_\_

(street)

(city)

(state)

(zip)

C. Contact Person: \_\_\_\_\_ Phone: (\_\_\_\_) \_\_\_\_\_ - \_\_\_\_\_

Email \_\_\_\_\_ Fax: (\_\_\_\_) \_\_\_\_\_ - \_\_\_\_\_

**III. Contractor Information**

A. Contractor Name: \_\_\_\_\_ CO# \_\_\_\_\_ Expires: \_\_\_\_\_

B. Contractor Address: \_\_\_\_\_

(street)

(city)

(state)

(zip)

C. Contact Person: \_\_\_\_\_ Phone: (\_\_\_\_) \_\_\_\_\_ - \_\_\_\_\_

Email \_\_\_\_\_ Fax: (\_\_\_\_) \_\_\_\_\_ - \_\_\_\_\_

**IV. KDHE tank numbers to be upgraded or modified:** KDHE tank # \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_.A. Have tank or line failures lead to this proposed upgrade or modification? ☐ Yes ☐ No.

B. If yes, to whom was leak reported? \_\_\_\_\_.

C. If failures have occurred, please briefly describe the incident: \_\_\_\_\_.

D. Is the facility in the State Trust Fund for environmental cleanup? ☐ Yes ☐ No**V. Current Tank/Line Information -before upgrade** ( Please enter manufacturer and model # where appropriate.)

KDHE Tank #					
Tank capacity (gals)					
Tank Construction FRP/ACT/StiP3/steel					
Tank Protection DW/Internal Lining					
Line Construction					
Product stored					
Tank Release Det. ATG/SIR/TT/IM/VM					
Dispenser type press./ safe/conven.					
Line Release Det. ALM/SIR/TT/IM/VM					
Press. lines, Rel Det FR/SO/AL/ALM					
Containment Pump/Dispenser					

**V. Current Tank/Line Information -before upgrade** is continued on the next page.

**V. Current Tank/Line Information -before upgrade (Continued)**

KDHE Tank #	U	U	U	U	U
Flex Connectors/ CP Boots/Sac. an./Imp c					
Tank Corros. Prot. Imp. curr./ Sac. an.					
Line Corros. Prot. Imp. curr/ Sac. an.					
Overfill Prevention SO/AL/BFV					
Spill Prevention					

**VI. Tank upgrades/modifications to be performed:**

- A. Adding/Changing Tank Release Detection \_\_\_\_\_  
(type, manufacturer, and model number)
- B. Adding/Changing Corrosion Protection (Submit engineered drawing and report as per Kansas Checklist)
- Changing existing Cathodic Protection Systems. A tightness test must be performed within 90 days prior to upgrade. Tightness test may be waived if proof of adequate inventory control records **or** monthly monitoring records for 90 days preceding upgrade confirm the soundness of tanks. Submit inventory records and monthly monitoring printouts to KDHE. (Integrity Assessment must be on file if existing system is Impressed Current.)
  - External Cathodic Protection for tanks 10 yrs old and older. Attach Certification of Tank Integrity (Includes previously lined USTs or existing Imp. Curr. systems lacking Integrity Assessments.) Tanks upgraded in accordance with **ASTM G158-98** must conduct monthly monitoring as release detection.
  - Internal Lining. Approved Product used (manufacturer and brand name): \_\_\_\_\_
- C. Adding Overfill Prevention. Manufacturer and model number \_\_\_\_\_  
1. Automatic Shutoff Device 2. Overfill Alarm 3. Ball Float Valve
- D. Adding Spill Prevention. Manufacturer and model number: \_\_\_\_\_
- E. Other (specify): \_\_\_\_\_

**VIII. Line upgrade/modification to be performed: KDHE Tank/Line Nos: \_\_\_\_\_.**

- A. Adding Leak Detection to new/existing lines (none required for Safe Suction)  
**\*\* Release detection methods must meet requirements of 40 CFR part 280.44**
- All lines:** (Check one) Manufacturer, and model number \_\_\_\_\_  
a. Electronic Line Monitor b. Interstitial Monitor c. Vapor Monitor  
d. Tightness test/Inv. Control e. Statistical Inventory Reconciliation  
f. Other(describe): \_\_\_\_\_
  - Pressurized lines only:** Manufacturer, and model number \_\_\_\_\_  
a. Flow Restrictor b. Shutoff Device c. Electronic line monitor d. Continuous alarm
- B. Adding Flex Connectors (Indicate if at dispenser \_\_\_\_\_ and/or at the tank \_\_\_\_\_.
- C. Adding Flex Connector Corrosion Protection a. spike anode b. booted.
- D. Adding Line Corrosion Protection (provide site-specific design details from a corrosion expert.)  
1. Describe method \_\_\_\_\_
- E. Adding or Replacing lines:  
1. Adding lines: New Line construction \_\_\_\_\_ Line dia. \_\_\_\_\_ Length \_\_\_\_\_  
2. Replacing lines: New Line construction \_\_\_\_\_ Line dia. \_\_\_\_\_ Length \_\_\_\_\_
- F. Changing dispenser/line(s) to (check one):  
1. Pressurized (submersible pump) 2. Safe Suction (check valve below dispenser)  
3. Conventional Suction (check valve at tank or foot valve)

**IX. Testing: A tightness test must be performed within thirty (30) days of upgrading any fuel system.**

- A. **UST System Tightness:** Required if the integrity of that system may have been compromised by the upgrade. Only the portion of the system upgraded must be tested. A printout from an automated monthly monitoring device may be substituted for a volumetric tightness test.

- B. **Cathodic Protection Upgrades:** CP system tests must be completed within six months of installation.

**X. Applicant's Certification:** I certify that the information above is true to the best of my knowledge and that all equipment will be installed in compliance with the manufacturers' installation instructions, if applicable. The installation will be performed in compliance with all federal, state, and local regulations.

KDHE Licensed Installer's Signature \_\_\_\_\_

IO# \_\_\_\_\_

(date) \_\_\_\_\_

Owner's Signature \_\_\_\_\_

(date) \_\_\_\_\_

Please direct questions regarding upgrades and modifications to KDHE Storage Tank Section 785-296-8061.